

THE BULLETIN

OCTOBER 27, 1997 ~ 51ST YEAR ~ NUMBER 6

'ON HORROR'S HEAD...'



Shakespeare's Othello, a production of the Graduate Centre for Study of Drama and the Lovers and Madmen theatre company, opened this weekend at the Glen Morris Studio Theatre. The cast includes Thea Gill as Desdemona, left, David Ferry as Iago, right, and Ned Vukovic in the title role. The play runs until Nov. 2.

ROB ALLEN

Compulsory Dues Considered for New Faculty and Staff

BY JANE STIRLING

BOTH THE U OF T FACULTY AND staff associations are hoping mandatory dues become terms of employment for new university members.

UTFA may learn as early as this week whether it can introduce compulsory dues for new faculty and librarians. A special committee composed of three members of the faculty association and three members of the administration will

reach a decision Oct. 31. If the committee votes unanimously in favour of dues and if Governing Council and the UTFA Council approve, the decision will take effect July 1, 1998. If the decision is not unanimous it will be referred to retired Judge Alan Gold of the Quebec Superior Court, who acted as mediator-arbitrator during the last round of salary negotiations.

Meanwhile three members of the staff association will meet with the administration Nov. 4 to discuss the

dues issue. This committee will report to the university community, Business Board and UTSA Council by Dec. 1. If agreement cannot be reached there is no stipulation for mediation under the terms of the Framework Agreement between staff and the administration.

"If we can reach an agreement, good," said Professor Michael Finlayson, vice-president (administration and human resources), in an interview. "If we can't reach an agreement, we can't reach agreement." There is, however, the possibility that discussions could continue after Dec. 1. Final approval for mandatory fees would be needed from Business Board, Governing Council and the UTSA Council.

Professor Bill Graham, president of UTFA, is hopeful the Oct. 31 decision is unanimous. Compulsory fees, or dues check-off, will more firmly establish the relationship between the faculty association and the university and ensure stable, long-term funding for UTFA, he said. The present system, he added, is "fundamentally unfair."

Currently membership in the faculty and staff associations is voluntary; those who belong, pay dues. Under the proposed system teaching staff and librarians who join the university after July 1, 1998, would be required to pay dues to UTFA; non-unionized administrative staff (with the exception of the senior

~ See COMPULSORY: Page 4 ~

Presidents Lobby Federal Government

BY JANE STIRLING

INCREASING LEVELS OF STUDENT debt are affecting access to and student morale at universities, the presidents of Ontario's universities told federal finance minister Paul Martin Oct. 24.

The 17 presidents and various university representatives, who met with Martin in the offices of the Council of Ontario Universities (COU) in Toronto, stressed the importance of the government's role in providing more resources to alleviate heavy debt burdens. A large proportion of students, said President Ross Paul of Laurentian University, are graduating with high debt loads. "They don't have the instant ready access to the job market that most of us sitting around this table with our educational backgrounds enjoy. It's increasingly difficult to get those needing financial aid to think an education is worth it."

Worries about future debt are also discouraging students, said President Lorna Marsden of York University. "The anticipation of debt means many students are not applying to university. They come from families where the thought of accumulated debt means children are discouraged from going to university. And many of these young people are either new Canadians, students from visible minorities or those with disabilities."

Bob Rosehart, president of Wilfrid Laurier University, said the government should be championing a national grants program. "Canada is seen as a country of promise and opportunity but our youth are expressing a lot of frustration with their future and the role they will play in it. I'm very concerned academically able students may not get the opportunity to attend university."

U of T president Robert Prichard,

who as chair of COU presided over the meeting, said alleviating student debt should be a government priority. Aid programs should focus on need and provide resources at an early stage in the educational process. "The amount of money required is large. This is not a fine-tuning exercise," Prichard said, noting the U.S. Congress recently approved a \$40 billion increase in student aid over five years.

Martin admitted his government "is a long way from the solution. I'm wrestling with limited resources." The university presidents, he noted, "are perhaps not as concerned as we [the government] are with savings for education down the road. I think we're a little more seized with that." In planning 10 or 20 years ahead the government wants to ensure there is sufficient money for the education of future generations, he said. "If one of the rules of government is to think ahead, then enabling people to save for that education is the kind of thing we should do now for future generations."

And the government is still grappling with the deficit, Martin said, cautioning the presidents not to let their expectations "gallop ahead of reality. We don't want to go through the trauma of the past five or 10 years where there had been a huge build-up [of costs and programs] and then a tremendous ratcheting back at tremendous costs to Canadian society."

President James Downey of the University of Waterloo said institutions are losing some of their top professors and graduate students to other countries. "You said," he noted to Martin, "that we, as a nation, cannot cut our way to prosperity. Well, universities cannot cut our way to excellence." Provincial universities are finding it difficult

~ See PRESIDENTS: Page 4 ~

CLOTHING BANK OPENS

TO HELP U OF T STUDENTS IN need this winter a clothing bank is being established by a new organization on campus, the Student Poverty Working Group.

Mary Roufail, a master's student in the Faculty of Social Work, is one of the coordinators of the clothing bank, set to open Nov. 5 at noon in the campus Swap Shop, located in the basement of 487 Spadina Ave.

Roufail said in an interview the reasons for establishing the bank are twofold — to meet the needs of students who need but can't afford some items of clothing and to raise awareness on campus of student poverty. "Student poverty is on the increase," she said. "As students' financial responsibilities increase, there is also a greater need for these kinds of services."

The clothing bank is now looking for donations of winter coats and boots in particular. In support of the bank the Students' Administrative Council has set up a number of drop-off locations including Convocation Hall, the International Student Centre and St. Michael's College; donations will be accepted until Nov. 3.

Donations can also be dropped off at the Women's Centre, Monday to Friday from 1 to 5 p.m.; the Faculty of Social Work, main office, Monday to Friday from 9 a.m. to 4:30 p.m.; the Association of Part-time Undergraduate Students, Room 1089, Sidney Smith Hall, Monday to Thursday from 9 a.m. to 9 p.m.; or the Swap Shop on Wednesdays from 12 to 2 p.m.

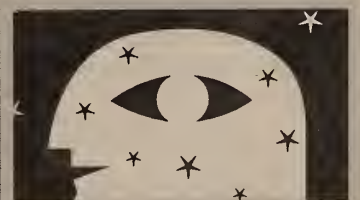
INSIDE

Taking care of baby

NEW DAY CARE CENTRES BEING planned for St. George campus. Page 5

Pros and cons

TWO DIFFERING VIEWS ON honouring George Bush. Commentary. Page 6



Pie in the sky

THE NEW UNIVERSE OF ELECTRONIC publishing. Forum. Page 12

IN BRIEF



New MA in financial economics offered

U OF T HAS A NEW MASTER'S IN FINANCIAL ECONOMICS PROGRAM FOR people planning a career in corporate finance and investments. Offered jointly by the Department of Economics and the Joseph L. Rotman School of Management, the 16-month MA program offers students a four-month summer internship in the finance community following their first year of studies. The new program will admit its first students in September 1998; deadline for applications is Feb. 1.

PhD oral examinations to continue

DOCTORAL STUDENTS WILL CONTINUE TO HAVE AN ORAL EXAMINATION as the final step in the approval of their theses. At its meeting Oct. 9 Academic Board accepted the recommendations of a special School of Graduate Studies committee that examined the university's requirement for a PhD oral. The committee suggested minor changes to the format but insisted orals should neither be dispensed with, nor made more stringent. Orals should not be an official exam, the committee argued, but rather a way of "publicly confirming the department's decision [to grant a PhD] and providing the candidate with new views that may lead to an improved thesis."

Scarborough name change approved

U OF T'S SCARBOROUGH CAMPUS HAS BEEN OFFICIALLY RENAMED. At its Oct. 9 meeting Academic Board approved renaming the eastern campus the University of Toronto at Scarborough. The decision awaits Governing Council ratification. Scarborough has used the new name unofficially for the last year but Principal Paul Thompson explained that official ratification is needed if the campus is to use the name for legal and contractual purposes.

Name added to Soldiers' Tower memorial

THE NAME OF AN ENGINEERING ALUMNUS WHO DIED IN FRANCE in the First World War has been added to the university war memorial at Soldiers' Tower. Lieutenant Frederick Schell of Brantford, who attended U of T in 1902, served as an airman for four years before transferring to the British army in 1918; he was killed in action later that year. Probably because he served with British rather than Canadian units, his name was not included on the memorial screen containing the names of over 600 U of T war dead. Funds for adding the inscription were raised by the University of Toronto Alumni Association's Soldiers' Tower Committee. The committee also organizes the university's annual Remembrance Day ceremony, which begins at 10:30 a.m. this Nov. 11 in front of the tower.

AWARDS & HONOURS



Faculty of Medicine

PROFESSOR KOFI AMANKWAH OF OBSTETRICS AND gynecology received the 1996-97 Council of Research in Education in Obstetrics & Gynecology National Faculty Award for best resident educator. He was selected by postgraduate residents.

PROFESSORS ISSER DUBINSKY, WARREN RUBENSTEIN and Jim Ruderman of family and community medicine were elected fellows of the College of Family Physicians of Canada. Fellowship is an honorary distinction acknowledging members who have made a significant contribution to family medicine in Canada and to the College of Family Physicians of Canada.

PROFESSOR SENDER HERSCHORN AND DR. GERALD Cook of surgery were the winners of the 1997 Division of Urology's Postgraduate Teaching Awards. Herschorn was chosen by the senior urology residents for his overall teaching ability and Cook, who retired in June, was chosen by the postgraduate residents for allowing the residents to master their surgical skills.

PROFESSORS JOHN HILDITCH AND JACQUI LEWIS of family and community medicine have won the 1997 Family and Community Medicine U of T Research Award for their paper, A comparison of the effects of oral conjugated equine estrogen and transdermal estradiol-17 combined with an oral progestin on quality of life in postmenopausal women.

PROFESSOR RONALD KODAMA OF SURGERY HAS WON the 1996-97 A.W. Bruce Undergraduate Faculty Teaching Award recognizing excellence in undergraduate education. The recipient is chosen by the urology council.

PROFESSORS HELEN MACRAE OF SURGERY, GLEN Regehr of psychiatry and Richard Reznick of surgery and David Szalay, a fellow in surgery, won the best paper award at the 1997 annual meeting of the Association for Surgical Education in Philadelphia. The paper was entitled Comparing OSCE Performance Measures: Task Specific Checklists vs. Global Rating Scales.

PROFESSOR HARRY RAKOWSKI OF THE DEPARTMENT of Medicine was elected vice-president and president-elect of the American Society of Echocardiography. The society defines clinical and educational standards for cardiac ultrasound in North America.

PROFESSOR MARTIN REGAN OF OPHTHALMOLOGY AND York University's psychology department will receive the 1997 Sir John William Dawson Medal of the Royal Society of Canada at the society's annual general meeting Nov. 21. The award is in recognition of his work in visual perception and human brain electrophysiology.

PROFESSOR ORI ROTSTEIN OF SURGERY WAS ELECTED president of the Surgical Infection Society for a one-year term at the society's annual meeting in Pittsburgh. The society is an international body that focuses on the management of patients with critical illness such as infections, trauma, burns and inflammation.

PROFESSOR JOSEPH SCHATZKER OF SURGERY RECEIVED the 1997 President's Award of Excellence of the Canadian Orthopedic Association in recognition of his significant contributions to teaching and development of operative fracture treatment and reconstructive hip surgery. The award was presented at the association's annual meeting in Hamilton.

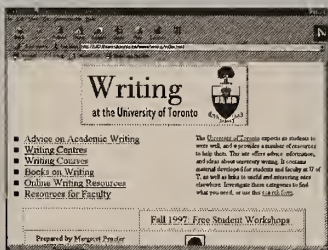
DR. KAMAL THAPAR, A RESIDENT IN NEUROSURGERY in the Department of Surgery, was one of five recipients of a Young Neurosurgeons Award of the World Federation of Neurological Societies at the 1997 International Congress of Neurological Surgery in Amsterdam. The organization is a federation of over 20 international neurosurgical societies.

UNIVERSITY PROFESSOR LAP-CHEE TSUI OF MEDICAL genetics and microbiology and geneticist-in-chief at the Hospital for Sick Children is the winner of the Dr. Jonas Salk Award, established by the Ontario March of Dimes and presented in partnership with Pasteur Mérieux Connaught. The award recognizes his contribution to a major breakthrough in human genetics by isolating the defective gene responsible for cystic fibrosis and defining the principal mutation.

ON THE INTERNET

FEATURED SITE

Too bad they never had this when I was in university!



This site receives 1,500 "hits" a week and it is no wonder! It is chockful of advice, information and ideas about university writing and the material is useful whether you are a U of T student, faculty or staff member. Here you will

find: a checklist to help you understand essay topics; an article on How Not to Plagiarize; book reviews; thesis statements; lab reports; and even a guide to Writing an Effective Admissions Letter, among other items. There are also files on writing style, editing, grammar and punctuation and the site provides references to writing centres, courses and books as well as online writing resources and resources available to faculty at U of T.

<http://www.library.utoronto.ca/www/writing>

U OF T HOME PAGE

www.utoronto.ca

THE CAMPAIGN FOR U OF T

www.uoftcampaign.com

RESEARCH UPDATES (NOTICES)

[gopher://utl1.library.utoronto.ca:70/11gopher_root70:\[_research_research_updates\]](http://gopher://utl1.library.utoronto.ca:70/11gopher_root70:[_research_research_updates])

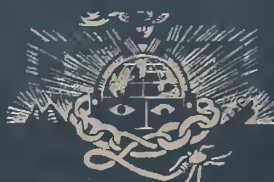
PHD ORALS

www.sgs.utoronto.ca/phd_orals.htm

U OF T JOB OPPORTUNITIES

www.utoronto.ca:80/jobopps

If you want your site featured in this space, please contact Audrey Fong, community relations officer, at: audrey.fong@utoronto.ca



SITES OF INTEREST

Convocation 101

It's that time of year when 2,500 graduands don their academic gowns and are presented with their degrees at Convocation Hall. The office of statistics, records and convocation has conveniently provided a complete schedule of fall convocation 1997 along with information for graduands on details such as the ceremony of admission to degrees, academic costumes, tickets, photographs and, most important, parking.

<http://utl2.library.utoronto.ca/www/convocation/graduate.htm>

Biology: more than just cutting up frogs

Each year, the Departments of Zoology and Biology sponsor the Ontario Biology Competition, open to students who have completed or are currently enrolled in OAC biology. Top students can win cash prizes and scholarships. If you dare, test *your* biology wits. You may find the questions are just as tough as when *you* were in grade school!

<http://www.zoo.utoronto.ca/~obc/>

Father of Democracy Honoured

BY STEVEN DE SOUSA

FORMER PORTUGUESE PRESIDENT Mário Soares received an honorary doctor of laws degree from U of T in a special ceremony at Hart House Oct. 26 for his contributions as a statesman and man of letters.

Soares served as prime minister of Portugal from 1976 to 1978 and from 1983 to 1985, then as president from 1986 to 1996. "Mário Soares' leadership was critical in establishing democratic government and economic stability in modern Portugal and in paving the way for Portugal's entry into the European Community," said President Robert Prichard.

Throughout his life Soares has fought for democracy and human rights. Early in his career as a defence lawyer, he denounced the

state police for its role in the murder of an opposition presidential candidate. Arrested 12 times for his political actions against dictator António de Oliveira Salazar, he was deported without trial to the island colony of São Tomé in 1968. He sought exile in France in 1970, where he remained until April 25, 1974, the day Salazar's government fell in a bloodless revolution.

Appointed foreign affairs minister in the new government, Soares initiated the decolonization of his country's African territories. As prime minister he also played an instrumental role in reintegrating the almost one million Portuguese "returnees," citizens who had emigrated from the troubled former colonies. He also led Portugal out of near bankruptcy through the "big loan," a strict stabilization

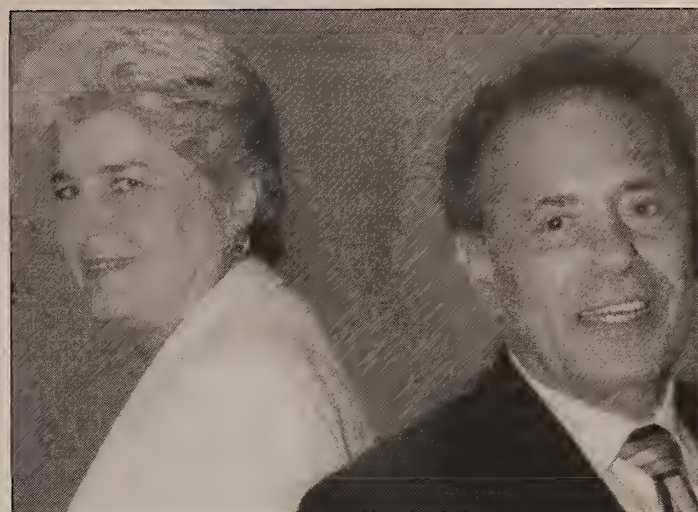
program negotiated with the International Monetary Fund.

As opposition leader from 1978 to 1983 Soares supported constitutional revisions enshrining multi-party western-style democratic government. Appointed prime minister again in 1983 he helped the country survive another financial crisis and in 1985 signed the Treaty of Accession, bringing Portugal into the European Community.

In 1986 Soares became the first directly elected civilian president in Portuguese history. He has received numerous international distinctions including the 1977 United Nations International Human Rights Prize.

Soares was chosen to receive the honorary degree in 1993 while he was still president but has been unable to visit Canada until now.

GOING HEAD TO HEAD



JEWEL RANDOLPH

Toronto mayoral candidates Barbara Hall and Mel Lastman, caught before the second mayoral debate held at Convocation Hall on Oct. 15. So far the main university-related issue has been the provision of discount transit passes for postsecondary students: current Toronto mayor Hall supports the idea but North York mayor Lastman says he wants to make sure that they wouldn't raise fares for other transit users. The campaign for mayor of the new amalgamated Toronto ends with the election Nov. 10.

New Office to Make the Most of Government Research Funds

BY BRUCE ROLSTON

U OF T'S NEW GOVERNMENT research infrastructure programs office — a coordinated effort to maximize the university's return from new government sources of research funding — will help it meet its academic priorities, says its director.

"Given the significant strength of U of T faculty members in the

targeted areas and the very strong support we enjoy from both private and public sector partners we expect to participate very actively and successfully in these programs," said Professor Rod Tennyson.

The office was created earlier this fall to coordinate all of the university's government research infrastructure program proposals and integrate them with the university's academic planning, campaign fundraising and

research marketing priorities.

The need for the office became obvious after the provincial government followed its federal counterparts in announcing a matching program for research investment, said the former director of the Institute for Aerospace Studies, who moved into his new office in Simcoe Hall earlier this month.

Both the provincial and federal programs offer to subsidize joint

university-private sector research initiatives; a key problem lies in the subtle differences between the two. While the Ontario Challenge Fund will pay up to one-third the total cost of either "bricks and mortar" infrastructure improvements or new "human infrastructure" research programs, the Canada Foundation for Innovation is only interested in funding 40 per cent of actual physical infrastructure projects and not

researchers' salaries. "They are somewhat different criteria. It's not simple," Tennyson said.

Tennyson hopes taking advantage of combined funding will help the university proceed with major research-related capital projects such as the proposed new chemistry building additions and the health sciences and engineering complex improvements also on the drawing board.

*Memorial Service for
Elizabeth (Betty) Dean,
wife of Professor Emeritus William G. Dean,
Department of Geography
Trinity College Chapel, 6 Hoskin Avenue
Thursday, October 30, 1997, 3:30 p.m.*

AN ACT OF
REMEMBRANCE
at
The Soldiers' Tower
Hart House Circle
Tuesday,
November 11th, 1997
at 10:30 a.m.

Carillon
•
Hart House Chorus
directed by John Tuttle
•
Last Post and Reveille
will be sounded

- Reception in Hart House following the service
- The Memorial Room will be open to visitors following the service until 3:00 p.m.
- Piper

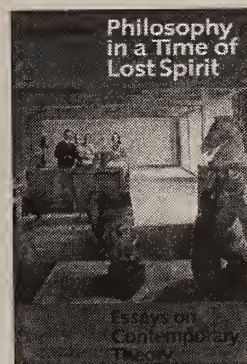
Arranged by the Soldiers' Tower Committee,
University of Toronto Alumni Association



PHILOSOPHY IN A TIME OF LOST SPIRIT Essays on Contemporary Theory by Ronald Beiner

In this collection of his essays and reviews, Ronald Beiner probes the boundaries of our social world and develops his own intellectual challenge to liberalism in a critical review of contemporary thinkers, including Hannah Arendt, Allan Bloom, Michel Foucault, Hans-Georg Gadamer, Jürgen Habermas, Will Kymlicka, and others.

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1997 Alexander Lectures

DR. CAROLYN HEILBRUN

Writer
Avalon Foundation Professor in the Humanities Emerita
Columbia University

WOMEN'S WRITTEN LIVES: THE VIEW FROM THE THRESHOLD

Monday, October 27	Deliciously Hideous, A Powerful Beauty
Tuesday, October 28	The Evolution of the Female Memoir
Wednesday, October 29	Embracing the Paradox
Thursday, October 30	The Rewards of Liminality

4:30 p.m., Room 140, University College, 15 King's College Circle, University of Toronto
Members of the staff, students and the public are cordially invited.

The Alexander Lectures are supported through the generosity of the Alexander Lectures Fund, the University College Alumni Association and bequests from the Jean Stewart Coupe and Helen S. Stewart Estates.



Happenings

7 Hart House Circle • www.utoronto.ca/harthouse

Celebrating 25 years of Women at Hart House 1972 - 1997



Check out the ghosts and ghouls of Hart House on Halloween Friday, October 31st.

SPECIAL EVENTS

Beyond Hearth & Home - Hart House's Art Committee brings guest speaker, **Doris McCarthy**, one of Canada's foremost landscape artists and author of two books, Tue. Oct. 28 at 7:30 pm in the Hart House Library.

Sunday Serenades - Violinist, **Jasper Wood**, 1997 winner of the Eckhardt Grammatte National Music Competition, performs on Nov. 2 at 3 pm in the Great Hall. FREE ADMISSION.

Fireside Chat - The Graduate Committee will be hosting its annual Fireside Chat, Tue. Nov. 4 at 6pm in the Music Room. RSVP by Thur. Oct. 30 by calling 978-2446.

Library Committee - presents reading from "The Journey Prize Anthology," on Wed. Nov. 5 at 7:30pm in the Hart House Library.

ART

The Justina M. Barnicke Gallery - Gary Evans, "Field Work," and Giuseppe Di Leo, "Botanikos/ego-receiver." To Nov. 6.

The Arbor Room - Marta Baricsa. To Nov. 15.

MUSIC

Jazz at Oscar's - Fridays at 8:30 pm in the Arbor Room. Licensed. No cover. Oct. 31, **Kenny Kirkwood's** quintet, Ground Sound. Nov. 7 features the **Jay Boehmer Quartet**. Call 978-5362 for info.

Midday Mosaics - Noon hour concert featuring violinist, **Yuri Zaidenberg** and pianist, **Sofia Moshevich**, in a programme of Brahms sonatas, Thur. Nov. 6 at 12 noon in the Music Room. Call 978-5362 for info.

CLUBS & COMMITTEES

Hart House Farm - Reserve a day or overnight outing at the Hart House Farm in the Caledon Hills. Contact the membership Services Office at 978-4733.

ATHLETICS

November Membership Campaign - If you sponsor a potential member during the month of November, you will be eligible to win great prizes. See the hail Porter for details or call 978-2452.

Fitness Assessment - The first step in realizing your health and lifestyle goals. A certified staff member will lead you through this confidential appointment.

Personal Training - Attain your personal fitness goals with a personal trainer. \$30-\$42/hour.

Drop-In Fitness Classes are frequent and free. Join in on the action seven days a week. Try our new "Aerobics With Attitude" and "Gentle Shape-up."

Pool Hours - open for recreational swim weekdays 7-9am, 11am-2pm and 4 10:30pm. Weekends 10am-6pm.

Circuit Training Handbook - available to pick up at the Athletics Reception Desk.

HART HOUSE

UNIVERSITY OF TORONTO

Presidents Lobby Government

~ Continued from Page 1 ~

to compete with the U.S. and other countries in salary remuneration and research dollars. While the Canada Foundation for Innovation (an \$800 million federal government initiative announced earlier this year) will help research infrastructure, "it won't address our need in attracting the best minds," Downey said. "It's essential that a clear signal be sent that there will

be support not only for infrastructure but also for operating grants."

Principal William Leggett of Queen's University, who said that increased funds for the research councils are essential, focused specifically on grants for the social sciences and humanities. "Don't forget, we must help to build a healthy economy and healthy society. There needs to be a strong link in support of social sciences and

fine arts and other such programs that will determine how well-balanced and stable our society is."

Leggett also asked the federal government to provide a vision for postsecondary education. "Give us the leadership through programs and through your influence on provinces to restore a sense of a national vision of postsecondary education. It will do a great deal for our sense of being as a nation."

Compulsory Dues Considered

~ Continued from Page 1 ~

management group), to UTSA. Those who oppose paying dues would make an equivalent payment to an agreed-upon charity. In both cases membership in the respective organizations would be voluntary. Current employees would not be required to participate.

Graham and UTSA president Mel Martin believe that mandatory dues are justified because their organizations work on behalf of the whole university. "We negotiate for all faculty and librarians whether they are members or not," Graham said. "There are some who receive the benefits and services we provide but don't pay their share."

Martin is more blunt. Those 1,400 non-unionized administrative staff who do not pay dues are "freeloaders," he said. "Personally, I resent paying money month after

month while the person next to me is not but is taking full advantage of all the benefits." UTSA, which has about 1,500 dues-paying members, has three full-time staff members and recently had to eliminate a part-time position. "We want to expand our resources but can't with the situation the way it is."

Not everyone agrees with the proposal. Professor Keith Balmain of electrical and computer engineering is adamantly opposed. Deciding whether or not to pay dues to an organization "is a matter of individual freedom and choice," he said. "Coercion is what's being discussed here. I don't want UTSA to tell me to give money to a charity. If I want to, I will. To be told I have to is extremely offensive."

This argument, Martin responded, "is like saying, 'I don't like the

Liberal government so I won't pay taxes.' When you are part of a community you have an obligation to that community and you have an obligation to contribute. If people pay dues, they invest in an organization. And the more members we have, the stronger we are."

Graham said the proposal does not eliminate members' right to freedom of choice. They will have three options — pay dues to the association and become a member, pay dues but opt not to become a member or pay dues to a charity.

Balmain also contends the plan unfairly targets new members. "I think this is a cowardly act to impose hardship on those who aren't here."

But Graham said the fees will amount to less than one per cent of a faculty member or librarian's salary and are tax deductible.

TASK FORCE ON TUITION AND STUDENT FINANCIAL SUPPORT

TERMS OF REFERENCE

The University of Toronto is committed to offering undergraduate, graduate and professional programs that rank with those of the best public research universities in the world, and to ensuring that those programs are accessible to all qualified students including those of limited financial means. In successive submissions to governmental panels regarding the financing of post-secondary education, accordingly, the consistent position of the University of Toronto, endorsed by Governing Council, has been:

- to argue strongly for increases in public support, to bring Ontario's level of per-student spending at least to the national average
- to state that the student share of financing should not be set according to some absolute optimum, but rather that tuition fees should differ across institutions and vary across programs as necessary to allow the University to be competitive in offering undergraduate, graduate and professional programs of excellent quality
- to recognize that student cost-sharing must be coupled with the provision by government and the University of the financial support necessary to ensure the continuing accessibility of university education to students of limited financial means
- to advocate greater autonomy and flexibility for universities in setting tuition fees, including greater differentiation of tuition fees across programs

These positions have been supported by the panels to which they were submitted — most recently by the Advisory Panel on Future Directions for Post-Secondary Education (the Smith Panel).

Over the past decade, the government operating grant for universities in Ontario has been reduced dramatically. In response, the budget strategy of the University of Toronto has been to mitigate the loss of revenue from these dramatic reductions in large part through increases in tuition fee revenue. The University has sought to close the gap over time between the level of public support and the revenue necessary to provide programs of excellent quality by exercising the full global scope of tuition increases allowed by governmental regulation, and increasing tuition fees differentially across programs.

At the same time, expenditures on student aid have also grown substantially. In the past year, moreover, gifts and pledges have been

made under the Ontario Student Opportunities Trust Fund to establish an endowment for student aid in excess of \$250 million. Other changes in policy at the provincial and federal level, including various forms of tax relief and the announcement of a federal endowment fund for student aid, have created further possibilities for alleviating the financial burden of increases in tuition.

In the light of these developments, it is timely that the implications of the University's policies and practices regarding tuition and student aid be reviewed. Accordingly, the Provost has established a Task Force on Tuition and Student Financial Support with the following terms of reference:

- to review the policies and practices of the University of Toronto with respect to tuition, including differential tuition levels across programs
- to review the policies and practices of the University of Toronto with respect to student financial support, including the levels of support available, the mix of need- and merit-based criteria of eligibility, and the balance of grants, loans, teaching and research assistantships, work-study programs and other means of support available to undergraduate and graduate students at the University of Toronto, both domestic and international
- to review current evidence from Ontario and other jurisdictions regarding:
 - the overall level of university funding per student
 - the level of tuition, including differentiation of tuition across types of programs
 - the level and mix of forms of student support
 - the relationship of tuition and financial support packages to the ability of students of differing financial circumstances to enter and to complete programs of university education
 - the debt loads incurred by students
- within the general policy directions described in the preamble above, to make recommendations regarding:
 - the principles to govern the setting of tuition fees, including the criteria for differentiating tuition across programs, and the criteria for the establishment of self-funded programs

- the principles to govern the design of programs of student financial support, including the criteria of eligibility and the coordination of different types of financial support, and taking into account the varying circumstances of undergraduate, graduate, domestic and international students

- mechanisms for clearly communicating the terms of the availability of financial aid to students and potential students
- measures of student financial aid and accessibility for inclusion in the University's annual accountability reports.

The Task Force will receive submissions and consult widely in conducting this review. The Task Force may establish working groups with such membership as necessary to facilitate its work.

Submissions to the Task Force should be sent to Ms. Lynn Snowden, Secretary to the Task Force, by November 14, 1997. The Task Force is to report by January 15, 1998.

Membership:

Professor Carolyn Tuohy, Deputy Provost, Co-Chair
 Professor Derek McCommond, Vice-Provost, Planning and Budget, Co-Chair
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* Member of Governing Council

New Child Care Centres Planned

BY JANE STIRLING

ONE OR TWO NEW DAY CARE facilities will be established on the St. George campus in the next three to five years if the university can raise \$2 million, says David Neelands, assistant vice-president (student services).

U of T plans to provide space for 110 to 120 children of U of T faculty, staff and students at one or two locations on its downtown campus. Currently there are 155 spaces available at four centres — Margaret Fletcher, Campus and Community Co-operative, Kidspace at the Ontario Institute for Studies in Education/U of T and Nancy's Part-time. The four centres will be invited to move in to the new facilities, Neelands said in an interview.

A users' committee, to be established this fall, will determine the location and design of the new facilities. Its report will go to University Affairs and Academic Boards for approval; Business Board must approve the capital project.

The day care initiative, which will be seeking \$2 million as part of the fundraising campaign, is being driven by a number of factors, Neelands said. Both the Margaret Fletcher and Campus and Community Co-op centres occupy land on Devonshire Place that is slated for redevelopment under the university's campus master plan. The university also needs to find a permanent home for Nancy's which has been housed in temporary quarters since opening in 1993.

Neelands stressed the university is dedicated to providing top-quality day care on campus and is not attempting to dictate terms for amalgamation. "What happens with the four centres depends on whether they decide to move in or wait until the bulldozers come. How the university relates to the existing day care structures is something we must negotiate. We're doing what we have to do and that means looking for new sites."

Although the new facilities will have fewer available spaces, U of T parents will be given priority, said Jan Nolan, family care adviser. Based on the number of children of U of T parents enrolled last

December -107- the university decided to set enrolment for the new facilities at 120.

The new centres will improve campus day care in a number of ways, she said. More physical space will mean more infants and toddlers (children up to age 2½) can be accommodated. Currently there is space for about 33 infants and toddlers and there are substantial waiting lists. In addition the new centres will increase the number of part-time spaces. "This seems to be a high demand area for U of T parents," Nolan said. "Staff, faculty and students have needs that we can't meet for part-time care, especially at the infant and toddler level."

Initial discussions between the day care centres and the university began in May and focused primarily on design features. Some suggestions included an indoor area dedicated to gross motor skills, with large climbing apparatus, a transition area/lounge for parents and children to use before entering and after leaving playgroups and separate outdoor play areas for preschoolers and infants/toddlers. There was also some discussion about including a cooperative component to the facilities, Nolan said.

Francesca Dobbin, supervisor at Margaret Fletcher, said the initiative is exciting and demonstrates the university's commitment to children. "Increasingly workplaces are finding they need to provide support services to families. If children are well looked after and stimulated, their parents work better, more efficiently and are happier."

Nevertheless day care staff and parents have expressed some concerns, she said. Day care employees are worried about job security, particularly with the reduction in day care spaces. Parents are concerned about a loss of intimacy between their children and staff and a loss of contact between staff and parents in moving to a larger centre. Dobbin also worries about the U of T parents-only stipulation, particularly if the parents leave U of T (for instance, if students graduate) but remain in the neighbourhood. "We don't want to ask the parents to take their children out when they leave U of T. It's important for children to have continuity of care."

Sexual Diversity Speakers Series presents

November 6, 1997 4 p.m.

Professor David Rayside

"On the Fringe: Sexual Diversity and Legislative Politics in Britain, Canada and the U.S."

Room 140 University College, 15 King's College Circle

November 24, 1997 4 p.m.

A discussion with

Julia Creet and Sky Gilbert

"Should We Give Up the Dis/pleasures of the Margins?"

Room 179 University College, 15 King's College Circle

Both events will be followed by a reception in Room 240 University College. Reception sponsored by the Rainbow Triangle Alumni Association

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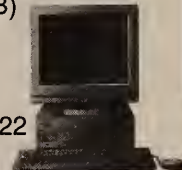
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FOR THE RECORD

On Nov. 19, the University of Toronto will award an honorary doctor of laws degree to former U.S. president George Bush. The decision to honour Bush — made and announced by U of T's Governing Council in September — has drawn both opposition and praise from faculty members and student alike. Here, we offer two views on the matter.

WORTHY RECIPIENT

By JACK CUNNINGHAM

FORMER U.S. PRESIDENT GEORGE BUSH IS A PERFECTLY APPROPRIATE RECIPIENT of an honorary degree from the University of Toronto, for many reasons. Claims that the one-time director of central intelligence was complicit in CIA assassination plots are, for one, false; Bush was appointed to the CIA after U.S. Senate and House Committee investigations had revealed these activities and stringent congressional oversight procedures had been put in place.

The contention that Bush is unworthy because of his allegedly unlawful participation in American efforts to overthrow Nicaragua's Sandinista regime is equally fallacious. Opponents say these efforts violated American law but the legislation in question, the 1982 Boland amendment, was imprecise in its language and incorporated an ambiguous distinction between harassment of the Sandinista regime and attempts to overthrow it. As Robert Kagan's study of the matter demonstrates, the sponsors of the amendment tacitly acknowledged this allowed the administration to provide paramilitary aid to the Contra rebels when they introduced subsequent legislation to close the loophole. Moreover the Senate Intelligence Committee, on which opponents of Contra aid were heavily represented, concluded that CIA efforts to aid the rebels violated neither the spirit nor the letter of the law.

The argument that Contra aid violated international law shouldn't be taken seriously either. True, in 1984 the International Court of Justice declared that the U.S. mining of Nicaraguan harbours violated international law. However, the court refused to consider the claim made by the government of El Salvador that American policy was justified under United Nations Charter provisions for individual and collective self-defence. The court claimed that Nicaragua's provision of arms and military advisers to communist terrorists in El Salvador did not constitute "armed attack" but held that analogous aid by the U.S. to the Contras did. Here, as elsewhere, "international law" was not the reflection of impartial judgement but rather a political creation and, as Judge Robert Bork has written, a dangerous chimera.

Bush's conduct of American foreign policy during his own presidency is far from the record of shame currently being postulated by some. He refrained from providing more than token support to an October 1989 coup attempt against Panamanian dictator Manuel Noriega and instead waited for economic, diplomatic and military isolation to drive Panama's military into at least tacit opposition to Noriega. When Bush did move, in December, the massive U.S. incursion overthrew Noriega in a swift, relatively bloodless operation that cost the lives of only 23 Americans and fewer than 600 Panamanians and was approved, according to a CBS post-invasion poll, by 92 per cent of the Panamanian population.

The peaceful disintegration of the Soviet Union and close of the Cold War was by no means inevitable. In his conduct of Soviet-American relations, Bush correctly helped engineer a transition in which the creation of an effective arms control regime and the gradual dismantling of Soviet strategic forces were central features.

Bush's direction of the Gulf War was distinguished by the skilful crafting of an inclusive diplomatic and military coalition. As a result the war waged by Bush's gifted subordinates was swift, with minimal casualties; the post-mortem by Lawrence Freedman and Efraim Karsh estimates coalition deaths of 240 and enemy deaths of roughly 35,000. Bush's failure to oust Saddam Hussein and occupy Kuwait, pounced upon by critics, seems, in retrospect, prudent. Not only would such action have fractured the coalition, it would, as Fareed Zakaria of *Foreign Affairs* has written, have destroyed the tense regional balance of forces without which the stabilizing American presence would be far less welcome.

There is nothing egregious in bestowing an honorary degree on George Bush. While reasonable people can differ over the merits of his policies and the record of his administration, they should be able to agree that his career, characterized by unstinting devotion to public service, is eminently worthy of respect and indeed emulation.

Jack Cunningham is a PhD student in the Department of History specializing in U.S. foreign policy.

UNDESERVED HONOUR

By DAVID RABY

WHEN A UNIVERSITY AWARDS AN HONORARY DEGREE IT CAN NORMALLY BE assumed that the recipient has an outstanding reputation for scholarship, cultural achievement or public service and that he or she enjoys the acceptance and respect of the great majority of the community.

In the case of former U.S. president George Bush, this is manifestly not the case; indeed for many people on campus and in this city his name evokes feelings of distaste, anger and even outright hostility.

Bush's record of "distinguished public service" (in the words of U of T president Robert Prichard) rests entirely on his political career in the United States. That career was dedicated throughout to conservative interests at home and to the overt and often aggressive assertion of U.S. power abroad with a complacent indifference to the fate of those who suffered as a result.

At times this indifference reached the level of criminal arrogance, as in the Gulf War of 1991 when the biggest military strike force seen since the Second World War was unleashed on Iraq on the dubious pretext of restoring the independence of "democratic" Kuwait. That Kuwait had never been democratic, that Iraq has at least an arguably historical claim to the territory, that the use of such overwhelming force inevitably led to the deaths of thousands of Iraqi civilians and tens of thousands of Iraqi troops, many of whom had already surrendered, was of no concern to Bush, who boasted about "Operation Desert Storm" as a triumph of his "New World Order" which had emerged following the collapse of the Soviet Bloc.

In Latin America — my own field of interest — Bush is remembered chiefly for the 1989 invasion of Panama. Justified on the pretext of removing General Manuel Noriega from power because of his links to drug trafficking, the invasion was in blatant violation of international law and caused the death of more than 800 Panamanian civilians (this is a conservative figure). Since Noriega had formerly been a CIA collaborator and since the drug-trafficking problem in Panama has become even worse under the post-invasion "democratic" regime, it is clear that the main purpose of the invasion was to reassert U.S. hegemony in a region traditionally regarded as its "backyard."

As vice-president under Ronald Reagan, Bush was also deeply involved in the undeclared

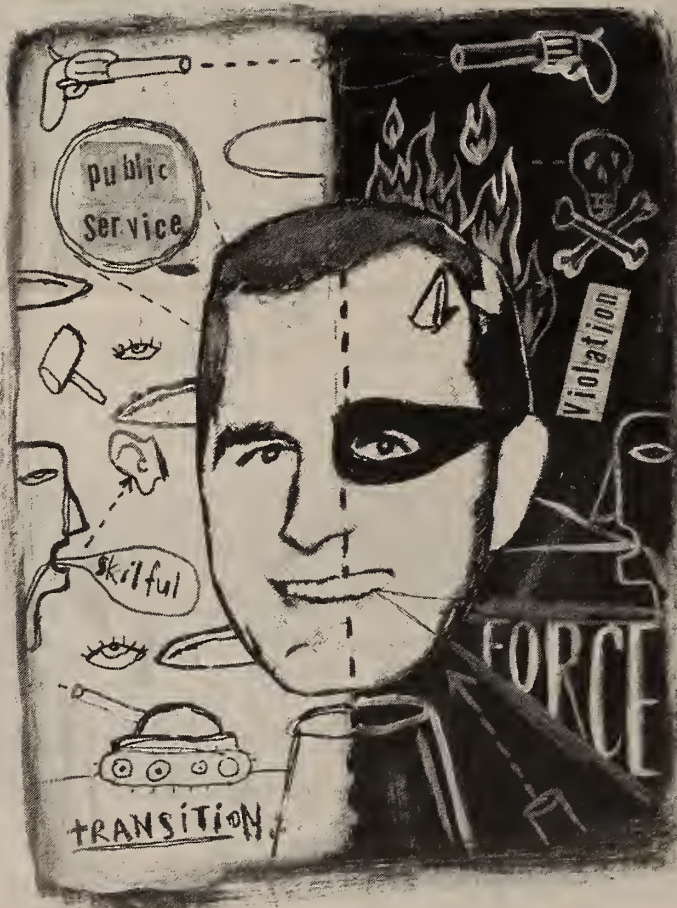
Contra war against Sandinista Nicaragua, a campaign of aggression directed mainly at civilian targets such as schools, health clinics and rural cooperatives; he was also implicated in the Iran-Contra scandal which violated both U.S. and international law and in the mining of Nicaraguan harbours which was condemned by the International Court of Justice.

As vice-president and earlier as CIA director, Bush was also involved in many other activities — far too many to mention here — that encouraged gross violations of human rights by military regimes in Latin America. To many Latin Americans who arrived in Canada as refugees from such regimes, the university's offer of an honorary degree to this man is a gratuitous insult.

According to President Prichard another reason for honouring Bush is "his role in ending the Cold War." This argument is based on a very partial interpretation of recent history since everything suggests that the Cold War ended primarily because of the self-destruction of the Soviet Union. Moreover Bush established the pattern by which the U.S. has continued Cold War policies against any nation that defies its diktat, such as Cuba, Iraq and Libya, while ignoring gross violations of human rights by "friendly" governments such as those of Indonesia, Saudi Arabia, Colombia and Peru.

To give an honorary degree to George Bush is to permanently besmirch the university's reputation among all of those concerned with human rights and an equitable system of international relations. It shows appalling insensitivity to the feelings of large sectors of the community, both on and off campus.

Professor David Raby teaches history at the University of Toronto at Mississauga.



LETTERS



SETTING THE RECORD STRAIGHT

I am writing to caution U of T staff, faculty and students of the perils of reading publications other than the official university paper — *The Bulletin*. It appears that, once again, *The Varsity* has needlessly disparaged the administration of this fine institution.

The Varsity has reported that the internationally credited Dr. Kin Yip Chun had been led off the grounds of this university by campus police without regard for his important work on nuclear test ban verification nor his years of dedicated service. In a supposedly unrelated story *The Varsity* reported that ex-U.S. president George Bush is to receive an honorary degree from this university despite his notorious record on human rights violations.

I can only hope that *The Bulletin* might set these stories straight. Surely it must have been *Bush* who was to have been escorted off campus and *Chun* who is the intended recipient of the honour.

ELAN OHAYON
GRADUATE STUDENT

ORALS SECTION MISSED

I write to say that one of the features that I always looked forward to in *The Bulletin* was the listing of PhD orals. It was light reading and gave a good perspective of research activity across the university.

I find it unfortunate that this information will now only be available by computer on the Web. I don't know if I will find the time to put in the needed effort for what previously was an effortless pleasure.

Perhaps, in time, *The Bulletin* may return to publishing this information in the printed version of the newspaper.

JURIS STRAUTMANIS
UNIVERSITY OF TORONTO AT
MISSISSAUGA

DISCOVERY TOUR A GREAT SUCCESS

Congratulations on U of T Day's Discovery Tour. It was a beautiful Saturday; the weather was unbelievable. I never realized how powerful U of T was until

I heard the perfect weather forecast.

The day was exceptionally well organized and our students appreciated the attention that was heaped on them. The generosity of the university in providing the bus, shirts, lunch, guided tours ... was great public relations.

Did the tour encourage any Dunbarton students to change their options and go to U of T next year? Well five of the 11 said that Toronto was now on their list of top three whereas before it was not. Two students said they were now definitely going to U of T.

One girl is now definitely going in the program that she signed up for while another has decided against her program choice.

So the day was a success from everyone's viewpoint — the students learned a lot about a great university and U of T received outstanding publicity.

HARVE DERRINGTON
DUNBARTON HIGH SCHOOL

ON THE OTHER HAND

BY NICHOLAS PASHLEY

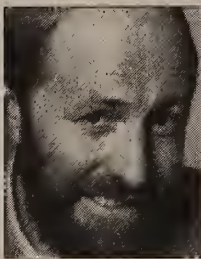
PASHLEY'S BELIEVE IT OR NOT

OCTOBER ALREADY, AND MONTH Two of The Campaign. The Campaign, for those of you who resolutely refuse to keep up, is a massive enterprise whose goal is to raise \$400 million for this university by the start of the new millennium. Why does the university need \$400 million? Because every computer on this campus is going to explode in a cloud of carbonized microchips on Jan. 1, 2000, and \$400 million is a conservative estimate of the cost of replacing them all.

So we need to get behind the campaign. I mentioned to a colleague how much I liked the catchy slogan and she said she hadn't seen it. You can't miss it, I told her; it's emblazoned on all the U of T vans. She returned from lunch looking confused. "That doesn't seem like much of a slogan," she said. "What doesn't?" I riposted, "Great Minds for a Great Future?" "No," she said, "Caution: This Vehicle Makes Frequent Stops."

Sometimes I get things wrong myself. I used to laugh at old people who couldn't understand the lyrics to pop songs but I've become one myself. I've been bewildered recently by the popularity of this Elton John song we keep hearing but it turns out I've been mishearing it. The pivotal line, in fact, is *not*, "It seems to me you lived your life like a kangaroo with wind." Good thing too. Would you want that sung at your funeral?

Down at your campus bookstore, October is a month in which we see countless new books. It is common for booksellers to moan that too many books get published but I'm happy to know that something called *Fiddling for Norway* can find a publisher. Likewise an important tome like *Scottish Handwriting: 1150-1650*. And our colleagues at Ohio State University Press have developed a new drug-free treatment for insomnia with their 576-page



instant classic: *A History of Accountancy in the United States*. In a revised edition, no less!

Canadians too can produce soporific titles. McGill-Queen's University Press has what is almost certainly an important book. It probably even has local contributors. It's just the title that's a problem: *Canadian Constitutional Dilemmas Revisited*. It's the *Revisited* that really gives

me a chill. (Although one shouldn't be too quick to judge. I saw a newspaper headline earlier this month that read: Russians Admire Canadian Constitution. Are we to suppose that Moscow pubs are noisy with the hubbub of lively debate over the notwithstanding clause?)

Sometimes the decision whether or not to acquire a book for the store is a difficult one. Someone this season has a book that claims to be able to teach women to be as graceful as Jackie Onassis and Meryl Streep. The secret, apparently, lies in finding your "inner swan." Another book I was about to skip was one called *Living in Love* by one Alexandra Stoddard. It didn't seem our sort of thing, quite honestly, until I read the catalogue copy that proclaimed Ms. Stoddard to be "America's favorite (sic) lifestyle philosopher."

Well, we are nothing if not philosophy friendly down on College Street but we were all unaware of this new branch of philosophy. It sounded like an even more upbeat kind of logical positivism. I quickly contacted a member of this university's philosophy department (whom I won't embarrass by naming) and he confessed that he had never heard of Alexandra Stoddard. I mean, this guy's got tenure and everything, and he's never heard of America's favorite (sic) lifestyle philosopher. Ms. Stoddard, I scarcely need tell you, is famous for "her inspiring books about designing a life filled with beauty and peace." Which is more than I can say for Kierkegaard.

The U of T Bookstore

Political & Personal Memoir

Paul William Roberts **Jacki Lyden**

The Demonic Comedy Some *Daughter of the Queen of Sheeba*

Detours in the Baghdad of Saddam Hussein

Wed., Oct. 29th, 7:30pm Lava 507 College St/Palmerston (free)

The Holocaust: A Cultural Perspective

A conference presented by the Cultural Arts Group of The Bloor JCC, Nov. 1st / 2nd

Lectures, readings, arts performances, films.

For times and registration call 924-6211

A talk with celebrated British historian

Sir Martin Gilbert

Holocaust Journey: Travelling in Search of the Past

A reading from a stunning debut novel by **Joseph Skibell**

A Blessing On The Moon

Jan Wong, *Red China Blues*, April Bulmer, *The Weight of Wings*

Sally Ireland, *Fox's Nose*, Carmen Rodriguez, *And A Body To Remember With*

Mon. Nov. 3rd, 8pm (free)

Tallulah's Cabaret at Buddies In Bad Times Theatre 12 Alexander St.

Sasenarine Persaud, Judith Kalman, Dennis Bock, Kristen den Hartog

Read from the Journey Prize Anthology

Wed. Nov. 5th, 7:30 pm (free)

Hart House Library, 7 Hart House Circle (U of T)

The long-awaited sequel to the bestselling novel *Killing Mr. Watson*

Peter Matthiessen

reads from his new novel

Lost Man's River

Mon. Nov. 10th, 7:30 pm

George Ignatieff Theatre 15 Devonshire Plc. (1 east St. George's Varsity Stadium)

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EVENTS



LECTURES

Skill Formation in a Modern Economy.

TUESDAY, OCTOBER 28

Prof. James Heckman, University of Chicago; Malim Harding visitorship lecture. George Ignatieff Theatre, 15 Devonshire Place. 4 to 5:30 p.m. *Economics and Political Science*

The Experience of Being Mailed: A Story of Designing a Shopping Centre.

WEDNESDAY, OCTOBER 29

Peter Clewes, Toronto. Room 103, 230 College St. 1 p.m. *Architecture & Landscape Architecture*

How Continental Was Canadian Society in the 1950s?

WEDNESDAY, OCTOBER 29

Prof. Douglas O'ram, University of Alberta; Donald Creighton lecture. Upper Library, Massey College. 2 p.m. *History*

The Practice of User-Centred Design at IBM.

WEDNESDAY, OCTOBER 29

Karel Vredenberg, IBM. Room 119, 35 St. George St. 4 to 6 p.m. *KMDI and Computer Science*

Structures of Autonomous Perceptual Control Systems.

WEDNESDAY, OCTOBER 29

Martin Taylor, formerly of the Canadian Defence Research Board. 5017A Sidney Smith Hall. 4:15 p.m. *U of T Mathematics Association*

Embracing the Paradox.

WEDNESDAY, OCTOBER 29

Prof. Em. Carolyn Heilbrun, Columbia University; third of four Alexander lectures on Women's Written Lives: The View from the Threshold. 140 University College. 4:30 p.m.

A Statistical Portrait of Canada: Major Social and Economic Trends.

WEDNESDAY, OCTOBER 29

Ivan Fellegi, chief statistician of Canada. Innis College Town Hall. 7:30 p.m. *Woodsworth*

The North American Forest Industry.

THURSDAY, OCTOBER 30

Adam Zimmerman, formerly of Noranda Forest, Inc.; Canadian Perspectives series. Council Chamber, South Building, Erindale College. 10 a.m. Tickets \$8. *Erindale*

Infographics from the Bottom Up.

THURSDAY, OCTOBER 30

Prof. Liora Salter, York University. 205 Claude T. Bissell Building, 140 St. George St. 4 to 6 p.m. *KMDI*

The Rewards of Liminality.

THURSDAY, OCTOBER 30

Prof. Em. Carolyn Heilbrun, Columbia University; final Alexander lecture on Women's Written Lives: The View from the Threshold. 140 University College. 4:30 p.m. *History*

Space Science — STS-85 Discovery 97.

SUNDAY, NOVEMBER 2

Bjarni Tryggvason, Canadian astronaut. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

Motherhood and Employment Finding Your Space.

MONDAY, NOVEMBER 3

Linda Ennis, Mothercraft Society; Popular Feminism series. Room 3-312, 252 Bloor St. W. 8 p.m. *Women's Studies in Education, OISE/UT*

The Southeast Asian Development Phenomenon Revisited: From Flying Geese to Lame Ducks?

TUESDAY, NOVEMBER 4

Prof. Johan Saravanamuttu, Universiti Sains Malaysia; visiting professor in ASEAN and international studies, CIS. Conference room, Centre for International Studies, 8th floor, 252 Bloor St. W. 12 noon to 2 p.m. Registration required. *CIS*

Shim-Sutcliffe Architects: Foreground/Background.

TUESDAY, NOVEMBER 4

Brigitte Shim, Toronto. George Ignatieff Theatre, 15 Devonshire Place. 7 p.m. *Architecture & Landscape Architecture*

The Many Faces of a Long-Lost Woman: Laudomia Forteguerri (1515-1555), Poet, Muse, Mother, Lover and Warrior.

WEDNESDAY, NOVEMBER 5

Prof. Konrad Eisenbichler, Centre for Reformation & Renaissance Studies. Senior Common Room, Victoria College. 2 to 4 p.m. *CRRS*

APEC: Vancouver and Beyond.

WEDNESDAY, NOVEMBER 5

John Curtis, Foreign Affairs & International Trade Canada. Conference room, Centre for International Studies, 8th floor, 252 Bloor St. W. 4 to 5:30 p.m. Registration required. *CIS*

Animation — Where Is It Now? Where Is It Going?

THURSDAY, NOVEMBER 6

Brian LeMay, Sheridan College; Canadian Perspectives series. Council Chamber, South Building, Erindale College. 10 a.m. Tickets \$8. *Erindale*

On the Fringe: Sexual Diversity and Legislative Politics in Britain, Canada and the U.S.

THURSDAY, NOVEMBER 6

Prof. David Rayside, political science; Sexual Diversity speakers series. 140 University College. 4 p.m.

Canada: Why Innis Can Save Us (but McLuhan Can't).

THURSDAY, NOVEMBER 6

Irshad Manji, author and broadcaster. Innis College Town Hall. 5 p.m. *Harold Innis Research Foundation*

Beyond Virtual Classrooms: Using the New Knowledge Media.

FRIDAY, NOVEMBER 7

Marc Eisenstadt, Open University, U.K. 205 Claude T. Bissell Building, 140 St. George St. 12 noon to 2 p.m. *KMDI*

The Sudbury Neutrino Observatory: A Tool to Understand Our Universe.

SUNDAY, NOVEMBER 9

Prof. Hugh Evans, Queen's University. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

Measuring Usability: Evolving Quality Metrics for User Interface Designs.

TUESDAY, NOVEMBER 11

Prof. Larry Constantine, University of Technology, Sydney; Computer Science: Its Theory, Practice, Applications and Implications series. 1105 Sandford Fleming Building. 11 a.m. *Computer Science, KMDI and CITO*

Petrarch and the Borders of the Book.

WEDNESDAY, NOVEMBER 12

Prof. Germaine Warkentin, English; annual Erasmus lecture. Alumni Hall, Victoria College. 2 to 4 p.m. *CRRS*

Adam Smith at the Bedside: Should Health Care Be Considered a Market Commodity?

WEDNESDAY, NOVEMBER 12

Prof. Daniel Sulmasy, Georgetown University Medical Center, Washington, D.C.; annual Alloway lecture. Auditorium, 18th floor, Mt. Sinai Hospital. 4 to 5:30 p.m. *Bioethics*

COLLOQUIA

The Highest Energy Cosmic Rays: Macroscopic Energy in a Microscopic Particle.

THURSDAY, OCTOBER 30

Prof. James Cronin, University of Chicago. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

Homoleptic Metal Carbonyl Cations: A New Class of Superelectrophiles.

FRIDAY, OCTOBER 31

Friedhelm Aubke, University of British Columbia. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

Biomembranes: The Physics of Soft Materials.

THURSDAY, NOVEMBER 6

Prof. David Boal, Simon Fraser University. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

Multiplicity Changes of Reactive Diradical Intermediates.

FRIDAY, NOVEMBER 7

Prof. Jakob Wirz, Physical Chemistry Institute, Switzerland. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*



SEMINARS

The Nuremberg Doctors' Trial: Errors and Omissions.

MONDAY, OCTOBER 27

Prof. Michael Marrus, history; Medicine and the Holocaust series. Great Hall, 88 College St. 4 to 6 p.m. *History of Medicine*

North American Buddhism: The First 100 Years (1850-1950).

MONDAY, OCTOBER 27

Charles Prebish, Pennsylvania State University; Buddhism in North America: Historical Perspectives series. Combination Room, Trinity College. 7 to 9 p.m. *Trinity Divinity*

Fluid Flow in Biofilters Used to Treat Waste Gases.

TUESDAY, OCTOBER 28

Susan MacFarlane, civil engineering. 119 Galbraith Building. 12 noon. *Environmental Engineering*

Multi-Scale Modelling, Estimation and Control of Chemical Processes.

WEDNESDAY, OCTOBER 29

Prof. George Stephanopoulos, Massachusetts Institute of Technology.

116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Mom Always Did Love You Best: Differences in Parent-Adult Child Relations.

THURSDAY, OCTOBER 30

Prof. Jill Sutor, Louisiana State University. Suite 106, 222 College St. 12 noon to 1:30 p.m. *Human Development, Life Course & Aging*

Real Socialism and Socialist Realism in Stalin's Russia: An Archival Journey.

THURSDAY, OCTOBER 30

Prof. Thomas Lahusen, Duke University. 14352 Robarts Library. 7 p.m. *CREES*

Free Trade and Full Employment: How the International Trade Organization Almost Succeeded in Making Employment the Pillar of the Postwar System.

FRIDAY, OCTOBER 31

Prof. Daniel Drache, York University; NAFTA seminar. Conference room, Centre for International Studies, 8th floor, 252 Bloor St. W. 12 noon to 2 p.m. *CIS*

Astral Omens in Greco-Roman Egypt.

FRIDAY, OCTOBER 31

Prof. A.R. Jones, classics. 144 University College. 3:10 p.m. *Classics*

Enterprise Bankruptcy, Turnaround Management, Governance and Finance in Russia and China Compared.

FRIDAY, OCTOBER 31

Presenters: Pyotr Mostovoi, Russian Bankruptcy Agency; Oleg Vitriunski, Supreme Arbitration Court of Russia; Tom Cumming, Gowling, Strathy & Henderson International; Robert Palinic, Jennifer Fraser and Val Samonis, University of Toronto. 14352 Robarts Library. 4 to 6 p.m. *CREES*

Unrestrained Growth in North American Buddhism (1950-1975).

MONDAY, NOVEMBER 3

Prof. Charles Prebish, Pennsylvania State University; Buddhism in North America: Historical Perspectives series. Cartwright Hall, St. Hilda's College. 7 to 9 p.m. *Trinity Divinity*

G-Proteins and the Regulation of Adenyl Cyclase.

THURSDAY, NOVEMBER 6

Prof. Alfred Gilman, University of Texas at Dallas. Auditorium, 6th floor, Ontario Cancer Institute, Princess Margaret Hospital. 12:30 p.m. *BDDMR*

History of Malaria in the United States.

THURSDAY, NOVEMBER 6

Prof. M. Humphreys, Duke University; Hannah seminar in the history of medicine. Great Hall, 88 College St. 4 to 6 p.m. *History of Medicine*

Arbuscular Mycorrhizal Fungi: Are They Functionally Redundant?

FRIDAY, NOVEMBER 7

Prof. John Klironomos, University of Guelph. 3127 South Building, Erindale College. 12 noon. *Erindale Biology*

Decentralization and the Re-emergence of Local Politics.

FRIDAY, NOVEMBER 7

Profs. Patricia McCarney and Richard Stren, Centre for Urban & Community Studies; development seminar. Centre for International Studies, Conference room, 8th floor, 252 Bloor St. W. 12 noon to 2 p.m. *CIS*

Bounding Power: Geopolitical Change, State Systems and Republican Restraint.

FRIDAY, NOVEMBER 7

Prof. Daniel Deudney, University of Pennsylvania. 3050 Sidney Smith Hall. 2 to 4 p.m. *Political Science and CIS*

The Proliferation of North American Buddhist Traditions (1975-2000).

MONDAY, NOVEMBER 10

Prof. Charles Prebish, Pennsylvania State University; Buddhism in North America: Historical Perspectives series. Cartwright Hall, St. Hilda's College. 7 to 9 p.m. *Trinity Divinity*

Auschwitz: A Eugenic Utopia.

TUESDAY, NOVEMBER 11

Prof. Robert-Jan van Pelt, University of Waterloo; Medicine and the Holocaust series. Great Hall, 88 College St. 4 to 6 p.m. *History of Medicine*

Dispersion Stability as Probed by Thin Liquid Film Dynamics.

WEDNESDAY, NOVEMBER 12

Prof. Darsh Wasan, Illinois Institute of Technology. 116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Labour Policy and the Labour Movement.

WEDNESDAY, NOVEMBER 12

David Kidd, Workers' Information Action Centre of Toronto; Carla Lipsig-Mumme, York University; Michael Rosenberg, Coalition against Technological Unemployment; Public Good or Private Greed? Building a Democratic Society series. Innis College Town Hall. 7:30 to 9:30 p.m. *Progressive Academic-Activist Collective, Innis College Environmental Studies Program, OPIRG and CUPE, Local 3902*

MEETINGS & CONFERENCES

Committee on Academic Policy & Programs.

WEDNESDAY, OCTOBER 29

Council Chamber, Simcoe Hall. 4:10 p.m.

The Heritage of Saint Columba.

SATURDAY, NOVEMBER 1

Registration, 9:30 a.m. The Spiritual Heritage of Columba: Iona c. 700, Lee Follett, Centre for Medieval Studies; The Pilgrim-Poets of Medieval Wales, Gerald Rees Morgan, University of Wales; The Politics of Sanctity, North and South: The Case of Saint Declan of Ardmore, Tomás Ó Cathasaigh, University College Dublin and Harvard University. Panel discussion: The Celtic Churches and Today's World. 4 p.m. Registration fee: \$30, students \$10; phone, 926-7145. *Celtic Studies*

Governing Council.

MONDAY, NOVEMBER 3

Council Chamber, Simcoe Hall. 5 p.m.

Crisis Care — Here, There and Everywhere: Gateway to Integrated Care.

FRIDAY, NOVEMBER 7

The Suicide Attempter: Searching for the Right Response. Prof. Paul Links, psychiatry. 8:45 a.m. Approaching the Substance Abuser in Primary Care Settings. Prof. Juan Negrete, psychiatry. 9:30 a.m. Workshop session one: Self-Harm to Suicide: Crisis and Community Management; Agitation to Homicide: Crisis and Community Management; Crisis and Community Management of the Dually Diagnosed Client: Substance Abuse and Major Mental Illness. 10:45 a.m. to 12:15 p.m. Comprehensive Mental Health Systems

EVENTS

for Complex Needs: The Rational Allocation of Scarce Resources, Prof. Fred Osher, University of Maryland School of Medicine. 1:30 p.m.

Workshop session two: Same as session one. 2:30 p.m. to 4 p.m. Clarion Essex Park Hotel, 300 Jarvis St. Fee and registration information: 926-7968. *Wellesley Central/St. Michael's Mental Health Service, Psychiatry and Continuing Education, Faculty of Medicine*

Computing the Edition: Problems in Editing for Electronic Medium.

FRIDAY, NOVEMBER 7 TO SUNDAY, NOVEMBER 9

The 33rd annual conference on Editorial Problems. Invited speakers: Jerome McGann, University of Virginia; Kathryn Sutherland, University of Oxford; Peter Robinson, De Montfort University; Peter Shillingsburg, Lamar University; Julia Flanders and John Lavagnino, Brown University; Michael Sperberg-McQueen, University of Illinois at Chicago. Panel discussion: Ian Lancashire, English (chair); Alex Jones, classics; Gary Shawver, medieval studies; Jens Wollesen, fine art; Andrew Hughes, music; Russon Wooldridge, French; Keren Rice, linguistics. 179 University College. Friday, 2 to 6 p.m.; Saturday, 9 a.m. to 6 p.m.; Sunday, 9 a.m. to 12 noon. Registration fee: \$90; excluding reception and banquet \$70; students (with Saturday lunch) \$40; students (papers only) \$30. Information: 926-7280; cep1997@chass.utoronto.ca; www.chass.utoronto.ca:8080/cep/.

Canada, Investment Rules and the World Economy.

MONDAY, NOVEMBER 10

Speakers include Sylvia Ostry and leading members of negotiating teams from the government of Canada, OECD and WTO. Venue to be assigned. 2 to 5 p.m. Registration required: fax, 926-4738; e-mail, ml.bratti@utoronto.ca. CIS

University Affairs Board.

TUESDAY, NOVEMBER 11

Council Chamber, Simcoe Hall. 4:30 p.m.

MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Contemporary Music Ensemble.

WEDNESDAY, OCTOBER 29

Gary Kulesha, director. Walter Hall. 8 p.m.

Thursday Noon Series.

THURSDAY, OCTOBER 30

John Kruspe, piano. Walter Hall. 12:10 p.m.

THURSDAY, NOVEMBER 6

Lecture by Justin Kolb on Know the Score: Inspiration and Motivation for Surviving in the Business of Music. Walter Hall. 12:10 p.m.

Faculty Artist Series.

FRIDAY, OCTOBER 31

William Aide, piano, and David Hetherington, cello. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

Small Jazz Ensembles.

WEDNESDAY, NOVEMBER 5 AND

TUESDAY, NOVEMBER 11

Favourite standards and student arrangements and compositions. Walter Hall. 8 p.m.

U of T Chamber Orchestra.

SATURDAY, NOVEMBER 8

David Zafer, conductor. Walter Hall. 8 p.m. Tickets \$5.

SOUTH ASIAN STUDIES

SUNDAY, NOVEMBER 2

Musical evening in support of Bengali

studies. Classical musicians from Calcutta: Manasi Majumder, singer, with Tejendra Narain Majumder, sarod, Sarma Saha, tabla, and Toronto-Bangladesh artists. Auditorium, OISE/UT, 242 Bloor St. W. 6 p.m. Tickets \$8, students and children \$5, sponsors \$50. Amar Mukherjee, (905) 513-0654; Morad Khondakar, (416) 699-2445; Sejdul Haque (905) 812-7154.

PLAYS & READINGS

A Harvest Yet to Reap.

WEDNESDAY TO SUNDAY,

OCTOBER 29 TO NOVEMBER 2

Rasmussen, Rasmussen, Savage & Wheeler, adapted and directed by Mimi Mekler. Erindale Studio Theatre, Erindale College; Theatre Erindale 1997-98 season. Performances at 8 p.m. except Saturday 2 and 8 p.m. and Sunday 2 p.m. Tickets \$10, students and seniors \$7; matinee \$7, students and seniors \$5. Box Office: (905) 569-4369.

Othello.

THURSDAY TO SUNDAY,

OCTOBER 30 TO NOVEMBER 2.

By William Shakespeare, directed by Martin Hunter and designed by Martha Mann; Graduate Centre for Study of Drama and Lovers & Madmen Productions joint production. Studio Theatre, 4 Glen Morris St. 8 p.m. except Sundays 2 p.m. and 8 p.m. Tickets \$15, students and seniors \$12. Box Office: 978-7986.

Robert Adams 1997-1998

Book Review Series.

TUESDAY, NOVEMBER 4

Fugitive Pieces, by Anne Michaels; a reading and presentation by Robert Adams, teacher, writer and critic. Second in series of five reviews. Hart House Theatre. 8 p.m. Tickets \$75 for series.

Dear Norrie...Darling Helen.

FRIDAY, NOVEMBER 7 AND

SATURDAY, NOVEMBER 8

A staged reading of the letters between Northrop Frye and Helen Kemp from 1932 to 1939; starring Don Harron and Catherine McKinnon. Hart House Theatre. 8 p.m. Tickets \$25. Box Office: 978-8668. *Victoria College*

EXHIBITIONS

ROBARTS LIBRARY

Brazilian Artists:

Expressions on Silk.

TO OCTOBER 30

Nine Brazilian artists work on silk; in conjunction with celebration of 50 years of Luso-Brazilian studies at U of T. Main Display Area. Hours: Monday to Friday, 8:30 a.m. to 12 midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m. *Consulate General of Brazil and Spanish & Portuguese*

NEWMAN CENTRE

Inner Being.

TO NOVEMBER 1

Maria Gabankova, drawings and paintings.

Antonietta di Nicola, Jennifer

Hinricks, Barbara Muir,

Josephine Pica.

NOVEMBER 1 TO DECEMBER 6

Acrylics, watercolours, pastels and photographs. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

JUSTINA M. BARNICKE

GALLERY

HART HOUSE

TO NOVEMBER 6

Field Work.

Gary Evans, oil paintings. East Gallery.

Botanikos/Ego Receiver.

Giuseppe Di Leo, drawings and watercolours. West Gallery. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday, 1 to 4 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

Food City.

TO NOVEMBER 14

Photographs, drawings, words, growing things and a big construction; in conjunction Jane Jacobs: Ideas That Matter. SALA Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

THOMAS FISHER RARE BOOK LIBRARY

"so precious a foundation": The Library of Leander van Ess at the Burke Library of Union

Theological Seminary in the City of New York.

TO DECEMBER 19

Medieval and later manuscripts, incunabula and printed books from the 16th to the 19th centuries. Hours: Monday to Friday, 9 a.m. to 5 p.m.

UNIVERSITY OF TORONTO ART CENTRE

Will Gorriz: German Version of the Three Essays Trilogy.

TO DECEMBER 19

Seventeen-piece work in oil pastel over photocopied text pages from the original German version of *Freud's Three Essays on the Theory of Human Sexuality*; recent acquisition. Boardroom space. Hours: Tuesday and Friday, 11 a.m. to 4 p.m.; Wednesday and Thursday, 11 a.m. to 7 p.m.; Saturday, 12 noon to 4 p.m.

VICTORIA UNIVERSITY

Bloomsbury:

Books, Art and Design.

TO DECEMBER 19

Books, paintings, book designs and decorative work by Bloomsbury artists Vanessa Bell, Duncan Grant, Roger Fry and Dora Carrington. E.J. Pratt Library. Hours: Monday to Thursday, 9 a.m. to 6 p.m.; Saturday and Sunday, 1 to 5 p.m.

MISCELLANY

Family Care Resource Centre Open House.

TUESDAY, OCTOBER 28

Check out the resources at the centre; practical guides on child care, parenting and caring for the elderly and a wide range of material on bereavement, pregnancy, family health and lesbian and gay families. 12 noon to 7 p.m. Information: 978-0951.

Screen Reading.

THURSDAY, OCTOBER 30

Demonstration of speech synthesis and speech output options for various systems used to provide access to users with visual impairments. 1st floor, Robarts Library. 12 noon. Registration: 978-4360; fax, 971-2629; general.atrc@utoronto.ca. *Adaptive Technology Resource Centre, Information Commons*

You and Your Parents:

A Cross-Cultural Workshop for Daughters.

WEDNESDAY, NOVEMBER 5

An opportunity to talk about relationships with parents, roles in the family, dating, peer pressure, career choices and studies. International Student Centre. 12 noon to 2 p.m. *Family Care Office*

Fall Record & Book Sale.

WEDNESDAY, NOVEMBER 5

LPs, CDs, books, scores and some sound equipment. Lobby, Edward Johnson Building. 11 a.m. to 5 p.m. Pre-sale (recordings only), Monday, Nov. 3, E016

Faculty of Music Library. 4:30 to 7 p.m. Admission \$5. *Music*

Literacy Support Workshop.

THURSDAY, NOVEMBER 6

Workshop on the use of Optical Character Recognition, voice output, word prediction, spelling and grammar checks, voice recognition, document processor shortcuts and electronic books. 1st floor, Robarts Library. 12 noon. Registration: 978-4360; fax, 971-2629; general.atrc@utoronto.ca. *Adaptive Technology Resource Centre, Information Commons*

Andean Music Festival:

The Condor Salutes the Eagle.

SATURDAY, NOVEMBER 8

Eight music and dance groups from the

Andean nations of Ecuador, Peru and Bolivia as well as the Eagle Drummers, a native-Canadian group; sponsored by Gardiner Museum of Ceramic Art. Northrop Frye Hall. 7 p.m. Tickets \$11, students and seniors \$10.

DEADLINES

Please note that information for Events listings must be received in writing at the Bulletin offices, 21 King's College Circle, by the following times:

Issue of November 10, for events taking place Nov. 10 to 24: MONDAY, OCTOBER 27.

Issue of November 24, for events taking place Nov. 24 to Dec. 8: MONDAY, NOVEMBER 10.

The Harold Innis Research Foundation presents the 1997 Memorial Lecture by author and broadcaster

Irshad Manji

Canada: Why Innis Can Save Us (but McLuhan Can't!)

Thursday, November 6, 1997
5:00 pm

Town Hall
University of Toronto
Innis College
2 Sussex Avenue

For More Information Call: 978-3424

Hallowe'en

Sale

October 31

20% OFF MOST ITEMS



U of T
Bookstore

U of T Bookstore, 214 College Street, Koffler Centre

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3**. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: (416) 978-2106.

ACCOMMODATION RENTALS AVAILABLE — METRO & AREA —

Brunswick/Sussex. Minutes to U of T. Academic's fully furnished Victorian (1873) lower duplex, quiet, 1 bedroom, study, conservatory, fireplace, garden, VCR, 5-piece bathroom, Rosenthal, art collection. Non-smoking winter tenant sought. \$1,485 inclusive. December 18 — April 30 (negotiable). 964-7270.

Four-bedroom furnished house, January to August 1998. St. Clair and Oakwood, 15 minutes to U of T. Quiet neighbourhood, good schools. One block to 24-hour transit. \$1,600/month. Phone (416) 658-6074.

January-July. Large Victorian house, quiet street near St. George campus. 4 beds, 2 studies, large living-room, dining-room, good kitchen, 2 1/2 baths. Fenced garden, parking, 3 TTC lines within one block, sauna, grand piano. Non-smoking only, please. \$1,500 plus utilities monthly. 922-2253; jbaker@erda.glendon.yorku.ca

Sabbatical rental. Beautiful, fully furnished Victorian 2-bedroom duplex on 2 floors. Lots of trees, skylight, 2 decks, laundry, cable TV, VCR. College-Ossington. 10 minutes to campus by streetcar. \$1,200 inclusive. Available January 1 to August 1. 534-6876.

West Annex. 15-minute walk U of T. Subway 3 minutes. January 1, 1998, or earlier, to April 30, 1998. Close to schools, stores, parks. Victorian townhouse, furnished and equipped. Open-plan dining/living area, fireplace, two bedrooms, two studies, two bathrooms, garden, deck, private parking. \$1,425 + utilities. Phone: 588-3388.

Executive condo. 1-bedroom, furnished, excellent location to University (5-minute walk). Bay & St. Joseph. Recreational facilities: gym, sauna, pool, whirlpool, table tennis. Parking available. Very Reasonable. Contact Margaret, day: (905) 677-3794, evening: (905) 677-1626.

Fully furnished 3-bedroom house, excluding basement, Beaches. Jacuzzi tub, 6 appliances, inclusive, cleaning woman, a/c, yard, paid parking. Available December 1, December 15 or January 1. 2 References. Single/couple; year lease; \$1,600/month; 1st/last. 699-6418.

Furnished 2-bedroom detached house. Avenue Road and Lawrence. \$1,200 inclusive. Available January 1 to June 30, 1998. Mary Ann Jenkins. (416) 736-2100 x. 77713 or (416) 781-4981 or e-mail: maj@kelvin.eas.yorku.ca

Robert Street. Harbord & Spadina. Lovely, large, newly renovated, 1 bedroom, ground floor of house, very quiet, walk-out

to deck, parking. Non-smokers, no pets, references please. \$1,300 per month inclusive. Immediate. (416) 961-2995, Grace; (416) 723-8888.

Spectacular view over the city, close to the subway, minutes to campus. Fully furnished (linens and kitchen ware included) two-bedroom apartment available late December or January through July 1998. Very bright and airy, large living/dining area, lots of closets, cats welcome. \$985 includes heat, electricity and cable! References. Leave messages at 978-6418 or fax 978-2648.

Large Annex house, minutes from U of T, subway and Bloor; 4 bedrooms, 3 baths, 2 studies, living-room, den, dining-room, kitchen, garden, deck, BBQ, fully furnished, parking, architecturally renovated. Non-smoking tenant sought for January to June (dates flexible). \$2,500/month plus utilities. Weekly cleaning lady included. Call (416) 960-8314.

Furnished, spacious, 1-bedroom apartment. From January 1, 1998 — August 31, 1998. Located on subway line (Glencair station), 15 minutes to campus. Wall-to-wall carpets. \$675/month includes all utilities. Parking available. (416) 787-1663.

Bloor/Bathurst, close subway, walk to U. Toronto. Academic renting furnished house, available December 22 to late May. Accommodation provides 3 bedrooms (main bedroom has walk-in closet), large living/dining; eat-in kitchen; family room; study; 2 1/2 bathrooms; laundry. Fenced garden. Off-street parking. Non-smokers preferred. \$1,600 monthly plus utilities. Call (416) 533-8017.

Two-bedroom, third-floor Annex area apartment, available immediately, many shops and campus nearby, non-smokers only, common entrance with house, references, full kitchen. \$1,050+. Stephen at 532-8781.

January — August 30, 1998 (possibility of extension). Furnished, one-bedroom apartment at Trinity College. \$750/month. Suitable for visiting faculty or graduate student. References. Phone Bursar's Office (416) 978-2523 or fax (416) 978-2797.

Central, steps to Davisville subway, quiet street: fully furnished home, 2/3 bedrooms, spacious (walk-out) rec. room, ample storage. Architect reno, open-concept, lots of light and pine. Piano, intercom, fax, decks, garden, parking (2). Flexible November-December to May. \$1,975. (416) 485-9032, (fax 485-5571).

ACCOMMODATION RENTALS REQUIRED

Looking for place to stay near campus January — March. Willing to rent or exchange for beautiful house by pinery park in Grand Bend, 2 1/2 hours southwest of Toronto,

3 bedrooms, 2 washrooms, Jacuzzi. 923-6641 ext. 6021.

Single mature professional requires residence January 1/98. Presently/previously resided homes of professors on sabbatical. Excellent tenant to look after your interests while you are away. Quiet side street requirement. Rent negotiable. Jerry Mandell (416) 461-3414.

ACCOMMODATION SHARED

Share quiet, elegant home, located at Avenue Road/Wilson. Close to shops, Toronto Cricket & Curling Club. 5 minutes from Avenue Road Express bus, 20 minutes St. George campus. Suit male, visiting professor. \$600/month, furnished room. Immediate. Anna, 480-2564

ACCOMMODATION OVERSEAS

France, French Riviera, in Nice, sea and mountains, for rent: apartment, all furnished and equipped for 2, with view and balcony. Available for 2 weeks or more. Call evening. (905) 274-9085.

BED & BREAKFAST

Bed and Breakfast Guesthouse. Walk to U of T. Restored Victorian home. Single, double and private en-suite accommodations. 588-0560.

VACATION / LEISURE

Collingwood, Blue Mountain. Beautiful 3-bedroom condo, walk to ski hill, golf, mountain water slides. Facilities include tennis, pool, sauna, hot tub, billiards. Minutes to beach and bike trails. Fireplace, BBQ, 6 appliances, 4 bathrooms, A/C, cable TV. Non-smokers. Summer \$650/week. Winter \$1,200/week. (416) 699-6609.

HEALTH SERVICES

PERSONAL COUNSELLING in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Greenberg, Registered Psychologist, The Medical Arts Building, 170 St. George Street. 944-3799.

INDIVIDUAL AND COUPLE THERAPY. Twenty years' experience in counselling for personal and relationship difficulties. Coverage under staff and faculty benefits. Dr. Gale Bildfell, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-6789.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley and Jarvis). 469-6317.

PSYCHOANALYTIC PSYCHOTHERAPY with a Registered Psychologist. Dr. June Higgins, The Medical Arts Building, 170 St. George Street (Bloor and St. George). 928-3460.

Psychologist providing individual and group psychotherapy. Work stress, anxiety, depression and women's health. U of T staff health plan covers cost. Dr. Sarah Maddocks, registered psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-1935 ext. 3321.

Psychotherapy. Dr. Joan Hulbert, Psychologist. Yonge Street near Davisville. (416) 465-9078. Focus on depression, anxiety, substance abuse, difficulties with assertiveness, relationship problems, self-esteem, abusive relationships. Fees may be

covered by Employee Health Insurance Plan.

Dr. Dianne Fraser, Psychologist. Carlton at Berkeley, 923-7146. Brief holistic counselling and EMDR. Focus on stress, depression, anxiety, phobia, grief, substance abuse, relationships, women's issues. Complete or partial reimbursement through UT/insurance benefits.

Individual cognitive behavioural psychotherapy. Practice focussing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Clewes, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road). 929-3084.

REGISTERED PSYCHOLOGIST. Individual and couple therapy. Cognitive-behavioural treatment for eating disorders, anxiety, panic, stress, depression and infertility. U of T extended health benefits provide coverage. Dr. Lisa Shatford, 206 St. Clair Avenue West (at Avenue Road). (416) 920-5546.

NEUROPSYCHOLOGICAL ASSESSMENT/ assessment of attention, memory and learning abilities. All ages. Intervention of learning, social and emotional difficulties. Children & adolescents. Covered by extended health benefits. Dr. Elizabeth Kerr, Registered Psychologist, Yonge & Sheppard. 456-2817.

Psychological services for children, adolescents and families. Comprehensive assessment of learning problems, emotional and behavioural difficulties. Individual psychotherapy, parent counselling. Dr. Meagan Smith and Dr. Arlene Young, Registered Psychologists, U of T area. 926-0218. Leave message.

Dr. Gina Fisher, Registered Psychologist. Psychotherapy for depression, anxiety, relationship problems, stress, gay/lesbian issues, women's issues. U of T extended health benefits cover fees. Evening appointments available. The Medical Arts Building (St. George and Bloor). (416) 932-8962.

Dr. E.A. Sands. Confidential, individualized psychological services for adults, including the elderly: depression, anxiety, relationship difficulties, stress-related issues, phase-of-life changes, aging issues, coping with elderly parents/relatives with dementia (e.g. Alzheimer's or stroke). Office located at 730 Yonge Street, Suite 226 (corner of Yonge and Charles Streets, one block south of Bloor). Tel.: (905) 841-0408.

Psychological Services for Infants and Children. Assessment of developmental and learning disabilities. Benefits packages may provide complete/partial reimbursement. Dr. Jo-Anne Finegan, Psychologist. 1300 Yonge Street, south of St. Clair. (416) 927-1217.

Registered Psychologist. Specialist in development and learning in children and adolescents. Solution-focused short-term therapy for families and individuals. University of Toronto extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Fantus, 425 Eglinton Avenue West. 486-4168.

Psychotherapy for adults. Depression, anxiety, stress; personal, relationship, family and work concerns. Dr. Carol Musselman, Registered Psychologist, 252 Bloor Street West. Call 923-6641 (ext. 2448) for a consultation. Day or evening hours. May be covered by extended health benefits.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan provides some coverage for psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

Electrolysis, facials (Gerovital-GH3). Waxing. Men & women. Certified electrolytists.

Safe, sterile. Introductory offer, packages available. 7 days. Guaranteed quality at lowest prices downtown. Bay Street Clinic: 1033 Bay, #322, 921-1357; Medical Arts Building, 170 St. George, #700, 924-2355.

ELECTROLYSIS by Registered Nurse in Dermatologist's office near University. New sterile needle for every treatment. Free consultation and sample treatment. Five treatments for the price of four. Men and women welcome. 123 Edward Street. 979-1331.

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GENERAL

UNIVERSITY OF TORONTO

The purpose of Connaught new staff matching grants is to assist tenure-stream appointees, up to and including the assistant professor level, who are in the first two years of an appointment at U of T at the time of the competition deadline. The grants aid new faculty in establishing research programs to increase their competitiveness for outside funding. Deadline is December 1.

MEDICINE & LIFE SCIENCES BIOCHEM THERAPEUTIC INC.

The therapeutic and research focus is in the areas of anti-viral (HIV, HBV, HCV, CMV) and anti-cancer (angiogenesis, cell cycle, tumour suppressors, apoptosis). Funding is available for potential research collaborators with academia.

CANADIAN PSYCHIATRIC RESEARCH FOUNDATION

Research grants are available for research focused on mood disorders and schizophrenia. Support for the development of research skills in young investigators is available through the fellowship program and funds are also available for clinical research projects directed specifically to the adolescent age population. Deadline is November 14.

CANADIAN SOCIETY FOR CLINICAL PHARMACOLOGY

Fellowships are awarded to provide training at a recognized training centre in clinical pharmacology at a university in Canada. The applicant must be a citizen or landed immigrant, a resident of

Canada and licensed or eligible to be licensed to practice in one province of Canada. Deadline is November 1.

MUSCULAR DYSTROPHY ASSOCIATION OF CANADA

Post-doctoral and clinical fellowships are jointly sponsored by MDAC and MRC; direct all enquiries to MRC. (<http://www.mdac.ca>) Deadline is November 1.

HOWARD HUGHES MEDICAL INSTITUTE

A total of 80 predoctoral fellowships will be awarded in 1998 to full-time PhD or ScD students in selected biological sciences. Fellowships are intended to support training in fundamental research directed toward an understanding of basic biological processes or disease mechanisms. (<http://fellowships.nas.edu>) Deadline is November 12.

NATIONAL BOARD OF MEDICAL EXAMINERS

The Medical Education Research Fund provides support for innovative study and development of methods of assessment that will enhance the evaluation of those preparing for or continuing to practice medicine. (<http://www.nbme.org>) Deadline is November 14.

PHYSICAL SCIENCES & ENGINEERING

LITHOPROBE

For 1998-99 support will be available for geoscientific projects that will complement the proposed seismic and electromagnetic programs and contribute in a

significant way to the scientific objectives of the Slave-Northern Cordillera Lithospheric Evolution and Western Superior transects or assist Pan-Lithoprobe synthesis and for projects that are considered essential for completion of any other transects or to capitalize on an exceptional opportunity. Deadline is November 28.

UPCOMING DEADLINES

NOVEMBER 3

Burroughs Wellcome Fund — clinical scientist, new investigator awards

NOVEMBER 6

Calgary Institute of Humanities — visiting post-doctoral fellowships

NOVEMBER 13

Shastri Indo-Canadian Institute — women and development program

NOVEMBER 14

Association for Canadian Studies — visiting faculty lecturer program

NOVEMBER 15

Crohn's & Colitis Foundation of Canada — clinical research fellowships, Armstrong Ontario fellowships

NSERC — visiting fellowships in Canadian government laboratories

SSHRC — MacArthur Foundation fellowships

NOVEMBER 21

Human Resources Development Canada — office of learning technologies research funding

DECEMBER 1

Japan Foundation — research/conference/seminar grant program, publication assistance program

U of T — Connaught new staff matching grants

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COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

REVIEW

FACULTY OF ARTS & SCIENCE

External review committees have been established to review the Department of Computer Science and the Department of Spanish & Portuguese Nov. 20 and 21.

Department of Computer Science Professors Paul Sorenson, chair, Department of Computer Science, University of Alberta; and John Rice, chair, Department of Computer Science, Purdue University.

Department of Spanish & Portuguese Professors Peter Bly, Department of

Spanish & Italian, Queen's University; and Mary Gaylord, Department of Romance Languages, Harvard University.

The committees would be pleased to receive comments from interested persons. These may be submitted to Professor Don Dewees, acting dean, room 2020, Sidney Smith Hall.



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SKYWRITING

The future of scholarly publishing may lie with the Internet
 BY STEVAN HARNAD

*The following is an excerpt of a speech entitled *Learned Inquiry and the Net* given at the *Beyond Print: Scholarly Publishing and Communication in the Electronic Environment* symposium held Sept. 26-27 at the University of Toronto at Scarborough.*

I WANT TO DESCRIBE TO YOU A very peculiar state of affairs that is transpiring in one small but special corner of the Gutenberg Galaxy. By the Gutenberg Galaxy — [baptized so by Marshall McLuhan] — I really mean the world of print on paper. McLuhan was of course interested in many media, and the influences of the printed word on them, but I have appropriated his catchy descriptor to be able to dub its successor, the virtual world of print on tape, disk and screen, the “PostGutenberg Galaxy.”

Another metaphor we will need for this voyage is “skywriting,” for the dissemination of the written word in the PostGutenberg Galaxy is very much like writing it all up in the sky for everyone to see. If you consider the only written corpus that matters to those who have taken the path of Learned Inquiry, then it is a fact that as of this day in late 1997, 99.9 per cent of it is still available only as print on paper. There are a vast number of bits up there in the sky but very few of them are the learned bits. And even those that are, are mostly hidden behind “firewalls” that keep out anyone who has not paid to view them.

Why not? you ask. People’s writings were not given away gratis in the Gutenberg era either: why should skywriting be free now? True. But here is a widely known fact: the authors of the learned serial literature — that means the contributors of everything that appears between the covers of the refereed scientific and scholarly journals to which research libraries must subscribe and on which all further research depends — are never paid a penny for their texts. Nor, I hasten to add, do they wish to be paid.

In learned journal articles, a scholar is trying to make a contribution to knowledge [by having the] work read, cited and built upon by fellow scholars. This is not to say that Learned Inquiry does not have material rewards. Few get Nobel Prizes or Fields Medals but promotion, tenure, travel — plus the funds to perform further research — all of these depend on one’s scholarly contribution; and the main measure of that contribution is one’s learned serial publications.

But I’m getting ahead of myself: we were talking about why it would even enter anyone’s mind that scholarly sky writing should be given away. I’ve suggested an answer: what the scholar wants for his or her learned articles is eyeballs, not pennies, the eyeballs of peers, and the minds to which eyeballs are normally connected, from which future knowledge will flow.

Well, in the Gutenberg era there was an unavoidable impediment: the technology of print on paper is quite pricey. Nor is it very efficient, as the bits on paper must be awkwardly transported to all readers by some means, which is usually by carrying them to the subscribing library and then being met by an equal dose of legwork on the part of the would-be reader, who must fetch it from the library. These impediments are all real. And chief among them is the fact that the costliness of producing and distributing print on paper means that the publisher must make a sizeable investment in providing the technology and service if the author’s work is to reach any eyeballs at all. As a consequence it is a reality today that many scholars and potential scholars the world over have access to very little of the learned literature purely because of the economics and inefficiency of distributing and accessing learned serials as

print on paper.

This is the point where I have to introduce the “Faustian Bargain”: if you wish to immortalize your words you will have to surrender your copyright in exchange so your publisher can recover the substantial cost of getting your intellectual goods aboard the paper flotilla at all. The author must collaborate in denying access to anyone who (or whose library) has not paid for them.

WELL BRETHREN, I AM HERE TO TELL YOU THAT THIS EPOCH IS over; the distribution of the fruits of Learned Inquiry can at last be freed from the Faustian grip of the paper era. I am only a soap-box orator; I can only anoint you here, by way of preparing you for what is to come. To see it directly, you must turn your eyes skyward towards XXX, the Los Alamos Physics Eprint Archive, created by Paul Ginsparg in 1991. This remarkable virtual entity began as a decision by a small community of about 100 high energy physicists who had been sharing “preprints” of their work — manuscripts submitted or soon to be submitted for peer review. They had been sharing them the old, expensive, inefficient way by photocopying them and mailing them to one another. As they all had logins on the Net and were already in e-mail contact with one another it seemed sensible to exchange preprints electronically, without the trouble and expense of generating paper. It was only one step more to realize: why even send them electronically? Why not just archive them electronically and simply send notices of the contents of the publicly accessible archive to those on the e-mail list or anyone else who was interested and let everyone access whatever they want directly from the archive?

Paul Ginsparg did just this [and] within a few years, XXX had grown to encompass more than half of the current literature in most areas of physics and it is still growing at an astonishing rate with hundreds of papers archived weekly, tens of thousands of users the world over and no doubt millions of “hits” of one sort or another from the lookup of a reference to the download of a full “E-print,” as they have come to be called. For XXX now contains not only the refereed preprint literature but also the refereed, published reprint literature too.

At this point Mephistopheles stirs and emits a muffled subterranean roar: “What? Published reprints? But what about the price I had exacted in exchange for immortality via paper? What about *copyright*!”

the text itself. And let me immediately say that a text anywhere on the Net is at great risk of being stolen and that it will not be as easy to detect that kind of theft as it will be to detect the theft of authorship. This is where the “firewalls” I mentioned earlier come in. There will be reliable firewalls that will block access to texts until they are duly paid for, perhaps with digital cash, but I hope it is clear to you by now that this kind of firewall protection is not at all what the authors of learned serial articles need or want. So copyright protection from theft of text is literally moot in the special literature we have been discussing.

WHAT ABOUT THE PUBLISHER? THE REASON SCHOLARS entered into the Faustian Bargain in the paper era was that if they did not assign copyright to their publishers then the texts could be stolen, the publishers would fail to recover the costs of publishing them and so they could not be published at all. If this is no longer true in the new medium, what has changed to make it so? Here we come to the point where, if this were a refereed article, the referees would demand data: what is the difference in cost between a paper page and a skywritten page? Paper publishers will tell you that the difference is not that much because the lion’s share of the cost of publication is the price of producing that first page you print whether you go into paper or into bits. But if you ask some of the brave souls who have launched electronic-only journals you will hear that the savings are more like 75 per cent per page and probably even better than that.

[I believe that] what is needed is a way that scholars can have their cake and eat it too: they should continue to submit their papers to the prestigious paper journals of their choice but they should at the same time archive them publicly on the Web, first as unrefereed preprints and then, once they have been reviewed, revised and accepted for publication by the paper journal, as refereed reprints. The Eprint archives should be *strongly* supported by institutions and research funding agencies. In exchange for all this the learned serial literature will be available everywhere, for everyone, for free, forever, as it always would have been but for the tyranny of print on paper in the Gutenberg era.

Stevan Harnad teaches psychology at the University of Southampton in England.

